Contents 1997

No 1, 1–128

Esterification of phosphonocarboxylic acids and crosslinking of cellulose, 5

Lewis-acid-promoted reactions of 1-{[(2-methoxyethoxy)methoxy] (tributylstannyl)-methyl} cyclohexene, 13

Synthèse de nouveaux glycopeptides; application à la préparation du *N*-([Leu]^5-enképhalyl)-α-D-*galacto*-oct-6-énopyranuronamide, 27

Reactions of trifluoromethylated enamines with iminium chlorides and analogues. Synthesis of new 2-aza-1,3-dienes and pyridin-4-ones, 47

Regioisomers of 2′,3′-dideoxynucleosides related to 2-(phosphonylmethoxy)ethyl nucleosides, 59

Synthèse totale de polyisoprénylquinones et hydroquinones, 67

Addition of a tiglyltitanocene to chiral aldehydes : factors influencing simple and diastereofacial stereoslectivities, 85

Synthèse de l'épibromhydrine avec une technique électromembranaire, 93

A new system for the reducation of 4-hydroxymandelic acids, 101

Direct dialkylation of peptide nitriles. Application to the synthesis of 1-aminocyclopropane-1-carboxylic acid (Acc)-containing dipeptides, 105

Synthesis of β-chloro-α-cyano-α-hydroxyesters, 111

Nouvelle méthode de prénylation au moyen de la β-méthyl-γ-triméthylsilyl-*N*-*tert*-butylcrotonaldimine, 115

No 2, 129–244

Quantification of polycyclic aromatic hydrocarbons (PAHs) in diesel engine combustion by GC/MS, 133

A short enantioselective access to pumiliotoxin 251D from L-proline, 141

An efficient activation of the hydroxyl function by (diethylamino)sulfure trifluoride (DAST) : preparation of chiral polyoxygenated tetrahydrofurans by stereoselective benzyloxy group participation, 145

Synthèses de thiéno[2′,3′(ou 3′,2′) :5,6]azépino [2,1-*a*]isoindol-6-ones diversement substituées, 153

Application du réacteur à électrode poreuse percolée pulsée à l'électrosynthèse organique : oxydation indirecte d'alcools secondaires, 159

Le tris(tétraphénylimidodiphosphinate) de gadolinium, Gd(tpip)$_3$, nouveau réactif de relaxation pour l'étude structurale des acides carboxyliques linéaires et polycycliques et des phénols, 167

New liquid-membrane electrodes used for potential determination of copper and nickel, 177

A synthetic approach to (±)-forskolin – Part I. Preparation of key hydrobenzofuran intermediates, 183

A synthetic approach to (±)-forskolin – Part II. Radical approaches of the AB ring system and formal synthesis of (±)-forskolin, 203

Chlorination of alumina : an IR spectroscopic study, 223

Synthèse de nouveaux tensioactifs perfluoroalkylés bicaténaires anioniques, non ioniques et dianioniques dérivés des 2-chloro-2-[2-(*F*-alkyl)éthylthio]acétates d'éthyle, 235

No 3 & 4, 245–420

Crafting chiral space. The synthesis of C_2-symmetric diphosphine ligands for an outer-sphere catalytic reaction, 263

Diastereoselective carbonyl addition reactions promoted by ytterbium(III) triflate, 275

Asymmetric synthesis of 3,4-disubstituted pyrrolidines : 1,3-dipolar addition to chiral bicyclic lactams, 283

Enantioselective synthesis of 1,2-diamines via nucleophilic 1,2-addition to dibenzylamino-acetaldehyde-SAMP-hydrazone, 299

Enantioselective catalysis 107 : new optically active deltacyclenes as building blocks for the synthesis of expanded phosphanes, 307

TADDOLs on their way to late transition metal complexes – synthesis and crystal structure of *N*- and *S*-containing TADDOL-derived compounds, 315

Zinca-ene-allene cyclizations : a way to substituted tetrahydrofurans or pyrrolidines, 333

Asymmetric synthesis of 2-vinyl-3,4-dihydro-2*H*-1,4-benzoxazine catalysed by palladium(0)-complexes, 343

Isomerization of terminal alkynes catalyzed by ytterbium(II)-aromatic imine complexes, 349

Chiral biphosphole iron complexes. Synthesis and characterization of the biphosphaferrocene [Fe(η^5-C_5H_5)(η^5-C_4HMe_2P)]$_2$. X-ray characterization of the dinuclear complex [Fe(η^5-C_5H_5)(C_4HMe_2PhP)(CO)]$_2$, 357

Ethyl γ-diiodosamario-β-oxobutanoates, generation by reaction of ethyl bromoacetate with samarium diiodide and synthetic applications, 365

Synthesis of enantioenriched (*Z*,*E*)-1,2,5-triphenylphospholane oxide by a lithiation-protonation sequence, 371

Cycloadditions de Diels-Alder entre l'anthracene et l'anhydride maleique ou la benzoquinone. Catalyses chimique et sonochimique, 375

Regio- and stereochemistry of nucleophilic attack at the P-chiral center of a dioxaphospholane-borane complex : a model of study for the P-O bond cleavage, 379

Highly regio- and stereoselective synthesis of allylsilanes via palladium-catalyzed reductive metallation of allylic phosphates with a SmI_2-HMPA system. Stereochemical aspect of the tandem electron transfer process in allylic systems, 391

Asymmetric addition of organometallic reagents to chiral α-alkoxy hydrazones, 395

Reversible aromatic bromination induced by buttressing; 1-bromo- and 8-bromo-3,6-di-*tert*-butyl-2-methoxynaphthalene, 399

Preparation and properties of hexamethylphosphoramide coordinated samarium(III) complexes, 411

No 5, 421–548

Fonctionnalisation de liaisons non activées en milieu superacide, 425

A new anisotropic force field for hydrogen bonding. III. A simple solvation model for ethane-1,2-diol, 439

Phosphonium salts : useful synthons for the total synthesis of LTA_4 methyl ester analogues, 451

Optimisation de la synthèse de l'acide 2-chloroéthylphosphonique par hydrolyse acide des composés du type 2-chloroéthylphosphonate de dialkyle. Influence de la nature des fonctions alkyle du phosphonate, 463

Synthesis and characterization of unsymmetrical *cis*-(phosphino-phospholyl)ethene tetracarbonyl molybdenum complexes : hydrophosphination reactions of (HC-CCH_2PPh_2)Mo(CO)$_5$ and (HC-CCH_2 DBP)Mo(CO)$_5$, 471

Synthesis of new bis bidentate ligands : catalase activities of the corresponding bis(1,3-diketonato)iron(III) complexes, 487

Synthesis and physico-chemical properties of an acridine analog of the Troger's base, 495

Intramolecular annulation reactions of alkyne-functionalized aminocarbene complexes. A one-pot route to 9*H*-carbazoles and 11*H*-benzo[*a*]carbazoles, 503

A convenient access to *N*,*N*-disubstituted amides derived from (1*R*,3*S*)-(−)-2,2-dimethyl-3-formylcyclopropane-1-carboxylic acid, 517

Comportement en milieu acide de dérivés aminés d'aziridine, de pyrazoline et d'isoxazoline, générateurs potentiels d'ions iminium, 525

Reaction of α-halogenoester carbanions with cationic (η^6-arene) tricarbonylmanganese complexes, 537

No 6, 549–640

Étude de l'alkylation directe sur la partie haute des calix[*n*]arènes, 555

What is the cathodic behavior for α,β-ethylenic sulfoxides in solvents of very weak acidity ? 561

Les benzocycloheptadipyrazoles glycosylés : une nouvelle classe de composés hétérocylciques hydrosolubles, 571

Preparation of chiral β-functionalized allylboronate reagents and their application to asymmetric synthesis of α-methylene–γ-lactams and γ-lactones, 583

Interaction of solvent with the ground and excited state of 2- and 4-[4-(dimethylamino)styryl]-1-alkylpyridinium iodides : an absorption and fluorescence study, 593

In vitro inhibitory activity against bacteria of a fusarium mycotoxin and new synthetic derivatives, 601

Ferrocenyldihalophosphanes, 605

Reactions of metallophosphide anions $[(CO)_x M'PPh_2]^-)M'$ = Cr, W, Fe) with Cp'_2MCl_2 (Cp' = η^5-C_5H_4–*tert*-Bu; M = Mo, W) : diastereogenic syntheses of bimetallic systems, 609

Stereocontrolled syntheses of *trans*-3-hydroxypipecolic and application to (–)-swainsonine, 615

α-Thioxothioamides. Réactions de cycloaddition [4 + 2] et [2 + 2] avec les isothiocyanates d'aryle et isocyanate de phényle, 623

Evidence for a macrobicyclic effect on the physico-chemical properties and stability versus pH of imidazolate-bridged dicopper(II) complexes : active centre analogues of Cu_2 superoxide dismutase, 635

No 7, 641–736

Copper (II) complexes with ethers of tyrosine and γ-esters of glutamic acid, 645

Synthesis of novel [(5*H*-tetrazolyl)alkoxy]-substituted chromone and chromanone derivatives, 653

Computer-oriented representation of stereoselective synthetic methods, 669

Modelization and kinetic simulation of naphthalene sulfonation by 20% oleum, 677

Early–late heterobimetallic chemistry : reaction of a stable carbene adduct of $[(C_4Me_4P)_2Yb]_n$ with ruthenium hydrides, transient formation of a bimetallic Yb–Ru hydride and synthesis of $(C_4Me_4P)RuH(PPh_3)_2$, 683

Elemental sulfur–porphyrin interactions, 689

Synthesis of alkyl perfluoroalkanedithiocarboxylates and some aspects of their reactivity in cycloaddition reactions, 697

En route to an efficient preparation of biocartol esters. Synthetic and structural investigations in the (1*R*,3*S*)-(–)-2,2-dimethyl-3-formylcyclopropane-1-carboxylic acid series, 703

Synthesis of homochiral *N*-Boc-β-aminonitriles, 713

Synthesis and reactivity of cyclic dienolethers, 719

Réactivité des trifluorométhylénaminocétones. Synthèse de nouveaux trifluorométhylpyrroles, 725

No 8 & 9, 737–832

Regio- and stereoselective synthesis of fluorinated enynes and dienes via 1,1- or 1,2-halofluoroalkenes, 741

Identification and synthesis of vesperal, the female sex pheromone of the longhorn beetle, 757

Syntheses and spectral studies of zinc(II) complexes with C_2-chiral bis-oxazolines, 765

Synthesis of β-amino esters using the Reformatsky reaction with α-amino nitriles, 769

Relation structure et sélectivité dans la réaction d'hydrogénation de molécules insaturées, 773

Stereoselectivity in nucleophilic additions to the carbonyl group of methyl 1,4,5-tris(trimethylsilyl)-3-dehydroquinate, 777

A class of ligands designed as model for apogalactose oxidase, 785

Synthesis and crystallographic characterization of the 'sometimes'-chiral dirhenium polyoxotungstate salt $[(\eta^5$-$C_5H_5)Re(NO)(PPh_3)(CO)]_2[W_6O_{19}]$, 793

Stereoselective synthesis of substituted 2-(diethylphosphonyl)-4-(trimethylsilyl)buta-1,3-dienes, 801

Enantioselective synthesis of 3-substituted 4-aroyl-γ-lactones, 809

Synthesis of new 1-carbamoyl-5-fluorouracil conjugates, derived from omeprazole and cimetidine, 817

A new approach to the synthesis of symmetrical bis(organylchalcogeno)acetylenes : Scope and limitations, 823

No 10 & 11, 833–1093

Le Bulletin de la Société Chimique et quelques-uns de ses premiers rédacteurs, 841

Looking for 1,3-di- and 1,2,3-triphosphindolide ions, 853

Regioselective intramolecular [4 + 2] Diels–Alder cycloaddition reactions of allenylphosphinepentacarbonylmolybdenum complexes with 3,4-dimethyl-1-phenylphosphole, 859

o-Nitrophenyl selenocyanate, a valuable reagent in organic synthesis : application to one of the most powerful routes to terminal olefins from *prim*-alcohols (the Grieco–Sharpless olefination reaction) and to the regioselective isomerisation of allyl alcohols, 869

Synthèse par explosif et par choc de nanodiamant, 875

Carbanionic displacement reactions at phosphorus : synthesis and reactivity of 5,5-dimethyl-2-oxo-2-(1,3-dithian-2-yl)-1,3,2-dioxaphosphorinane, 891

Synthesis and helical self-organization of achiral polyheterocyclic pyridine–pyrimidine strands, 897

Syntheses of polyamine- and polynitrile dendrimers from a nona-arm core up to 144-nitrile using Vögtle's iteration, 907

Studies on the topography of biomembranes : regioselective photolabelling in vesicles with the tandem use of cholesterol and a half-membrane phospholipidic probe, 915

Antiaromatic compounds 30 : the reactivity of a kinetically stabilized azete towards mesoionic compounds, 927

Vinyltin acetals in terpenic and nor-terpenic synthesis, 937

Ruthenium mediated carbon–carbon and carbon–nitrogen bond formation : parameters governing the reactivity of the metal centre, 947

Aromatic stacking between ferrocene and perfluorophenanthrene to give a 2 + 2 supramolecular assembly in the solid state, 955

Synthesis of monoorganotins and use as versatile reagents for organic synthesis, 959

Synthesis of 17-membered ring macrocycle : studies toward the enantioselective synthesis of fusidic acid, 969

First 'layer-block' dendrimer built with a regular alternation of two types of repeat units up to the fourth generation, 981

Synthesis and cycloadditions of 1-[(*tert*-butyldimethylsilyl)oxy]alkenyl isocyanates, 989

Allylic alkylation with function-bearing organozinc reagents, 995

Hémisynthèse de dérivés ambrés par dégradation oxydante de la chaîne latérale du sclaréol utilisant dans les étapes clés des complexes du palladium, ou du tétroxyde de ruthénium mis en œuvre in situ, 1001

Oxidation of 2,4,6-trichlorophenol (TCP) catalyzed by iron tetrasulfophthalocyanine (FePcS) supported on a cationic ion-exchange resin, 1025

Electron attachment by phosphirene and various fluoro-, cyano- and trifluoromethyl-substituted phosphirenes : a theoretical exploratory study, 1033

Synthetic approach and structural comparison of some novel phosphanes of the type $(C_5Me_5)_2PX$ (X = F, I), 1039

Une violation apparente des règles de Woodward–Hoffmann : mécanisme et stéréochimie de la réaction de photocyclisation de *N*-arylènaminones, 1045

Synthesis of a *C*-disaccharide glycosyl donor as a key building block for the preparation of new biologically active heparin pentasaccharide memetics, 1057

Stabilité de complexes métalliques avec des ligands d'intérêt biologique : la dopamine et l'adrénaline, 1069

Analyse ab initio des couplages magnétiques dans les composés organiques à base d'aniline et aminonaphthalène, 1075